

ABSTRACT OF THE DISCLOSURE

A valve unit and a fluid control chip include: a valve chamber having an inlet and an outlet for a fluid; a valve element accommodated in the valve chamber; a piezoelectric element for applying vibrations to the valve chamber; and a driver for driving the piezoelectric element, wherein the piezoelectric element varies the opening by varying a frequency and/or an amplitude of the vibration applied to the valve chamber and by varying the amplitude of the valve element by the varied vibration.